



Air Force Research Laboratory | AFRL

Science and Technology for Tomorrow's Aerospace Forces

Success Story

DEFENSE METEOROLOGICAL SATELLITE PROGRAM CRADA



The Space Vehicles Directorate and Northrop Grumman Corporation recently signed a \$9.103 million Cooperative Research and Development Agreement (CRADA) to provide research and development capabilities for the Defense Meteorological Satellite Program (DMSP) environmental sensors and to help assure continuity of mission support to the warfighter.



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Accomplishment

The results of this research will address the needs of both commercial technology and the Department of Defense (DOD) by advancing state-of-the-art satellite communications systems. This CRADA is one of the largest research initiatives in terms of dollars within the Air Force.

Background

Recently, the DMSP System Program Office assigned total system performance responsibility for the DMSP space sensors to Northrop Grumman. The directorate will provide continued technical support and services to the DMSP through this CRADA. The Air Force and Northrop Grumman expect to benefit from the relationship and the resulting shared data.

The Air Force benefits include optimally sustaining the DMSP throughout its mission lifetime, compliance with DMSP developments with the Space Weather Transition Plan, and seamless transition of space weather support to the next-generation National Polar-orbiting Operational Environmental Satellite System. Northrop Grumman will benefit by allowing the combined technical staffs to develop and deploy advanced earth-monitoring space sensors in coordination with DOD needs.

Space Vehicles
Support to the Warfighter

Additional information

To receive more information about this or other activities in the Air Force Research Laboratory, contact TECH CONNECT, AFRL/XPTT, (800) 203-6451 and you will be directed to the appropriate laboratory expert. (01-VS-06)